

Title (en)

METHOD FOR PRODUCING MOULDED BODIES AND THEIR USE

Title (de)

VERFAHREN ZUR HERSTELLUNG VON FORMKÖRPERN UND DEREN VERWENDUNG

Title (fr)

PROCÉDÉ DE FABRICATION DE CORPS MOULÉS ET LEUR UTILISATION

Publication

EP 2024301 A1 20090218 (DE)

Application

EP 07725850 A 20070605

Priority

- EP 2007004986 W 20070605
- DE 102006026235 A 20060606

Abstract (en)

[origin: WO2007140990A1] The present invention relates to a method for producing moulded bodies from ceramic and/or metallic powders, wherein the powders are mixed with an organic binder, comprising the steps of a) preparing a flowable homogeneous mixture of an organic binder and a ceramic or metallic powder at a temperature that lies above the melting temperature of the organic binder, b) introducing the flowable mixture prepared in step a) without pressure into a casting mould, c) allowing the flowable mixture to solidify without pressure in the mould. Furthermore, the present invention relates to moulded bodies produced by the method according to the invention and their use as an inoculating agent for the production of cast iron.

IPC 8 full level

B22F 1/00 (2006.01); **B22F 1/10** (2022.01); **C04B 35/634** (2006.01); **C21C 1/10** (2006.01)

CPC (source: EP US)

B22F 1/10 (2022.01 - EP US); **B28B 1/14** (2013.01 - EP); **C04B 35/016** (2013.01 - EP); **C04B 35/053** (2013.01 - EP); **C04B 35/057** (2013.01 - EP); **C04B 35/10** (2013.01 - EP); **C04B 35/14** (2013.01 - EP); **C04B 35/26** (2013.01 - EP); **C04B 35/45** (2013.01 - EP); **C04B 35/453** (2013.01 - EP); **C04B 35/46** (2013.01 - EP); **C04B 35/50** (2013.01 - EP); **C04B 35/56** (2013.01 - EP); **C04B 35/58** (2013.01 - EP); **C04B 35/63488** (2013.01 - EP); **C21C 1/08** (2013.01 - EP US); **C21C 1/105** (2013.01 - EP); **B22F 2998/10** (2013.01 - EP); **B22F 2999/00** (2013.01 - EP); **C04B 2235/6027** (2013.01 - EP); **C21C 2007/0062** (2013.01 - EP)

Citation (search report)

See references of WO 2007140990A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

DE 102006026235 A1 20071213; **DE 102006026235 B4 20081204**; EP 2024301 A1 20090218; WO 2007140990 A1 20071213

DOCDB simple family (application)

DE 102006026235 A 20060606; EP 07725850 A 20070605; EP 2007004986 W 20070605